

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
13 October 2005 (13.10.2005)

PCT

(10) International Publication Number
WO 2005/095614 A1

- (51) International Patent Classification⁷: **C12N 15/29**, 15/52
- (74) Agent: **F B RICE & CO**; 139 Rathdowne Street, Carlton, VIC 3053 (AU).
- (21) International Application Number: PCT/AU2005/000467
- (22) International Filing Date: 31 March 2005 (31.03.2005)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
2004901749 31 March 2004 (31.03.2004) AU
60/558,480 31 March 2004 (31.03.2004) US
- (71) Applicant (for all designated States except US): **COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION** [AU/AU]; Limestone Avenue, Campbell, ACT 2601 (AU).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **WU, Yingru** [AU/AU]; 56 Maribyrnong Avenue, Kaleen, ACT 2617 (AU). **LLEWELLYN, Danny, James** [AU/AU]; 6 Myall Street, O'Connor, ACT 2602 (AU). **MACHADO, Adriane, Cristine** [AU/AU]; 27 Oldershaw Court, Nicholls, ACT 2913 (AU). **DENNIS, Elizabeth, Salisbury** [AU/AU]; 100 Hopetoun Circuit, Yarralumla, ACT 2600 (AU).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:
— with international search report
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: GENES INVOLVED IN PLANT FIBRE DEVELOPMENT

(57) Abstract: The present invention provides polypeptides, and polynucleotides encoding therefore, involved in the regulation of fibre initiation and/or elongation in fibre producing plants. In particular, the present invention provides methods of altering fibre initiation in cotton making use of transcription factors, regulatory proteins or cell cycle proteins produced at or around anthesis. The invention also relates to the use of these as markers of fibre production in plants including cotton.



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